

Homework 3

1. A coin is falling down for 3 sec. An initial velocity of the coin is 0. Find the total distance passed by the coin and the distance passed by the coin for the third second.
2. You are standing at the edge of a tall building and throwing a ball is up at a speed of 40m/s. Find its velocity and displacement in 6 seconds and 10 seconds after the start. Make a picture.